

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior revisions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A urinary collection system comprising:

a urinal with a first liquid storage reservoir sized in volume to receive and store at least an amount of urine encountered in at least one patient relief, said urinal having an end wall, a bottom wall and an inlet opening;

a pickup device with an inlet portion and an outlet portion sealably mounted to the end wall of the urinal and having the outlet portion positioned normally above the inlet portion, the inlet portion [[being]] having a siphon tube associated therewith positioned in the first liquid storage reservoir adjacent the end wall of said urinal and substantially normal to the outlet portion, said siphon tube having an end portion positioned adjacent to but spaced from the bottom wall of said urinal, the pickup device forming a fluid flow path between the first liquid storage reservoir and the outlet portion;

a quick disconnect fitting associated with the outlet portion of said pickup device and connected in liquid relationship to said siphon tube;

a collection container having a second liquid storage reservoir;

a first conduit connecting the first storage reservoir in flow communication with the second liquid storage reservoir, said first conduit having one end portion connected to said quick disconnect fitting;

a pump device comprising a pump and a drive device operable to drive the pump, said pump having an inlet and an outlet;

a second conduit connecting the second liquid storage reservoir to the pump inlet, the pump being operable to apply a reduced pressure to the first and second conduits, the pickup device and the second reservoir to induce flow of fluid from the first reservoir into the second reservoir; and

a control device operably associated with the pump device and operable by a user of the urinal for selectively activating and deactivating the drive device.

2. (Previously Presented) The urinary collection system as set forth in Claim 1, wherein the control device includes a wireless transmitter and a receiver, said receiver being operably connected to said drive device.

3. (Previously Presented) The urinary collection system as set forth in Claim 1, wherein the control device includes a timer operable after a predetermined time to deactivate said drive device.

4. (Original) The urinary collection system as set forth in Claim 1, wherein the drive device includes an electric motor.

5. (Currently Amended) The urinary collection system as set forth in Claim 1, wherein the collection container includes a top wall, an inlet connector and an outlet connector, the inlet

connector having an end portion which terminates close to the top wall ~~with a portion~~ of the container and is ~~[[inlet]]~~ directed downward to prevent liquid entering the second reservoir from entering the container outlet, the first conduit having one end portion operably connected to the container inlet connector.

6. (Original) The urinary collection system as set forth in Claim 1, wherein the collection container includes a sensor that provides input as to when the collection container requires emptying.

7. (Original) The urinary collection system as set forth in Claim 1, wherein the collection container includes a closable opening with a removable lid.

8. (Original) The urinary collection system as set forth in Claim 1, wherein the collection container includes a handle.

9. (Original) The urinary collection system as set forth in Claim 1, wherein the urinal includes a handle.

10. (Original) The urinary collection system as set forth in Claim 1, wherein the urinal includes a closable lid.

11. (Original) The urinary collection system as set forth in Claim 10, wherein the closable lid includes a plurality of vent holes.

12. (Currently Amended) The urinary collection system as set forth in Claim 1, wherein ~~the quick disconnect fitting is connected in liquid relationship to a siphon tube that is positioned adjacent to a bottom portion of the first reservoir wherein~~ the first reservoir includes an indented, well portion and wherein said siphon tube is rigid, the end portion of said siphon tube being positioned within said well portion.

13. (Cancelled)

14. (Original) The urinary collection system as set forth in Claim 1 and further including a retainer operatively associated with the urinal for selectively fixing the urinal in position relative to a user.

15. (Currently Amended) The urinary collection system as set forth in claim 14, wherein the retainer includes a weight and a strip of ~~VELCRO®~~ hook and loop fasteners.

16. (Previously Presented) The urinary collection system as set forth in Claim 13, wherein the retainer includes a hold down including a generally U-shaped member forming a channel for receiving the urinal therein and a hold down member connected to the U-shaped member and projecting outwardly therefrom and adapted to be placed under a user's leg.

17. (Original) The urinary collection system as set forth in Claim 1, wherein the pump device includes a housing having a first end cap and a second end cap.

18. (Original) The urinary collection system as set forth in Claim 17, wherein the housing is cylindrical and is supported by a plurality of arcuate feet.

19. (Currently Amended) The urinary collection system as set forth in Claim 17, wherein the pump device includes a light ~~indicator~~ indicator which illuminates when the pump device is activated and a power overload protector.

20. (Cancelled)

21. (Original) The urinary collection system as set forth in Claim 1, further comprising an external male catheter having an outlet tube, wherein the outlet tube of the external male catheter is in flow communication with the urinal.

22. (Original) The urinary collection system as set forth in Claim 21, further comprising an attachment device for securing the outlet tube for the external male catheter to the urinal so that the external male catheter is in flow communication with the urinal.

23. (Previously Presented) A urinary collection system comprising:

an external male catheter with an outlet tube;

a collection container having a liquid storage reservoir;

the outlet tube of said external male catheter connecting the liquid storage reservoir of the collection container in flow communication with the external male catheter;

a pump device comprising a pump and a drive device operable to drive the pump, said pump having an inlet and an outlet;

a conduit connecting the liquid storage reservoir of the collection container to the pump inlet, the pump being operable to apply a reduced pressure to the outlet tube of the external male catheter, the conduit, and the liquid storage reservoir of the collection container to induce flow of fluid from the external male catheter into the liquid storage reservoir of the collection container; and

a control device operably associated with the pump device and operable by a user of the external male catheter for remotely selectively activating and deactivating the drive device.

24. (Currently Amended) A method of collecting urine, the method comprising:

discharging liquid into a first liquid storage reservoir sized in volume to receive and store at least an amount of urine encountered in at least one patient relief, said first liquid storage reservoir having an end wall, a bottom wall and having an inlet opening so that the urine passes into a pickup device associated with the first liquid storage reservoir, the pickup device being sealably mounted to the end wall of the first liquid storage reservoir and having an inlet portion and an outlet portion, the outlet portion being positioned normally above the inlet

portion, the inlet portion ~~[[being]]~~ having a siphon tube associated therewith positioned in the first liquid storage reservoir adjacent the end wall and substantially normal to the outlet portion, said siphon tube having an end portion positioned adjacent to but spaced from the bottom wall of the first liquid storage reservoir, the pickup device forming a flow path between the first liquid storage reservoir and the outlet portion;

providing a quick disconnect fitting with the outlet portion of said pickup device, the quick disconnect fitting being connected in liquid relationship to said siphon tube;

allowing the liquid to travel through a first conduit connecting the first storage reservoir in flow communication with a collection container having a second liquid storage reservoir, the first conduit having one end portion connected to said quick disconnect fitting;

utilizing a pump device comprising a pump and a drive device operable to drive the pump, said pump having an inlet and an outlet to induce the flow of fluid from the first reservoir into the second reservoir with a second conduit connecting the second liquid reservoir to the pump inlet, the pump being operable to apply a reduced pressure to the first and second conduits, the pickup device and the second reservoir~~[[;]]~~ to induce said flow of fluid; and

operating a control device operably associated with the pump device and operable by a user of the first liquid storage reservoir for selectively activating and deactivating the drive device.

25. (Previously Presented) The method as set forth in Claim 24, further including utilizing a timer to deactivate the drive device if the drive device is not deactivated otherwise prior to a preset time interval of activation.

26. (Currently Amended) A urinary collection system comprising:

a urinal with a first liquid storage reservoir sized in volume to receive and store at least an amount of urine encountered in at least one patient relief, said urinal having an end wall, a bottom wall and an inlet opening;

a pickup device with an inlet portion and an outlet portion sealably mounted to the end wall of the urinal and having the outlet portion positioned normally above the inlet portion, the inlet portion [[being]] having a tube associated therewith positioned in the first liquid storage reservoir adjacent the end wall of said urinal and substantially normal to the outlet portion, said tube having an end portion positioned adjacent to both the bottom wall and the end wall of said urinal, the pickup device forming a fluid flow path between the first liquid storage reservoir and the outlet portion;

a collection container having a second liquid storage reservoir;

a first conduit connecting the first storage reservoir in flow communication with the second liquid storage reservoir;

a pump device comprising a pump and a drive device operable to drive the pump, said pump having an inlet and an outlet;

a second conduit connecting the second liquid storage reservoir to the pump inlet, the pump being operable to apply a reduced pressure to the first and second conduits, the pickup device and the second reservoir to induce flow of fluid from the first reservoir into the second reservoir; and

a control device operably associated with the pump device and operable by a user of the urinal for remotely selectively activating and deactivating the drive device.

27. (Previously Presented) The urinary collection system as set forth in Claim 26 wherein said control device includes a wireless transmitter and a receiver, said receiver being operably connected to said drive device.

28. (Previously Presented) The urinary collection system as set forth in Claim 26 wherein the control device includes a timer operable after a predetermined time to deactivate said drive device.

29. (Previously Presented) The urinary collection system as set forth in Claim 26 further comprising an external male catheter having an outlet tube, wherein the outlet tube of the external male catheter is in flow communication with the urinal.

30. (Previously Presented) A urinary collection system comprising:

- an external male catheter with an outlet tube;
- a collection container having a liquid storage reservoir;
- the outlet tube of said external male catheter connecting the liquid storage reservoir of the collection container in flow communication with the external male catheter;
- a pump device comprising a pump and a drive device operable to drive the pump, said pump having an inlet and an outlet;
- a conduit connecting the liquid storage reservoir of the collection container to the pump inlet, the pump being operable to apply a reduced pressure to the outlet tube of the external male catheter, the conduit, and the liquid storage reservoir of the collection container to induce

flow of fluid from the external male catheter into the liquid storage reservoir of the collection container;

a control device operably associated with the pump device and operable by a user of the external male catheter for remotely selectively activating and deactivating the drive device; and

means for automatically deactivating the drive device after a predetermined period of time has lapsed after activation.

31. (Previously Presented) The urinary collection system as set forth in Claim 30 wherein said means for automatically deactivating the drive device includes a timer circuit associated with said control device.

32. (Currently Amended) A method for collecting urine comprising:
discharging urine into a urinal sized in volume to receive and store at least an amount of urine encountered in at least one patient relief, said urinal having an end wall, a bottom wall and through an inlet opening, said urinal including a pickup device sealably mounted to the end wall of the urinal and having an inlet portion and an outlet portion, said outlet portion being positioned normally above said inlet portion, said inlet portion [[being]] having a siphon tube associated therewith positioned within said urinal adjacent the end wall and substantially normal to the outlet portion, said siphon tube having an end portion positioned adjacent to and spaced from the bottom wall of said urinal, said pickup device forming a flow path between said urinal and the outlet portion thereof;

providing a collection container for storing urine;

allowing the urine to travel through a first conduit connecting the urinal in flow communication with said collection container;

utilizing a pump device comprising a pump and a drive device operable to drive said pump, said pump having an inlet and an outlet;

providing a second conduit for connecting the collection container to the pump inlet, the pump being operable to apply a reduced pressure to the first and second conduits, the pickup device and the collection container to induce the flow of urine from the urinal into the collection container; and

providing a control device operably associated with said pump device and operable by a user of the urinal for remotely selectively activating and deactivating the drive device.

33. (Currently Amended) The method as set forth in Claim 32 further including utilizing a timer to deactivate the drive device if the drive device is not deactivated otherwise prior to a preset time interval of activation.

34. (Currently Amended) A urinary collection system comprising:

a urinal with a first liquid storage reservoir sized in volume to receive and store at least an amount of urine encountered in at least one patient relief, said urinal having an end wall, a bottom wall and an inlet opening;

a pickup device with an inlet portion and an outlet portion sealably mounted to the end wall of the urinal and having the outlet portion positioned normally above the inlet portion, the inlet portion [[being]] having a siphon tube associated therewith positioned in the first liquid storage reservoir adjacent the end wall of said urinal and substantially normal to the outlet portion, said siphon tube having an end portion positioned adjacent to but spaced from the bottom wall of said urinal, the pickup device forming a fluid flow path between the first liquid storage reservoir and the outlet portion;

a collection container having a second liquid storage reservoir;

a first conduit connecting the first storage reservoir in flow communication with the second liquid storage reservoir;

a pump device comprising a pump and a drive device operable to drive the pump, said pump having an inlet and an outlet;

a second conduit connecting the second liquid storage reservoir to the pump inlet, the pump being operable to apply a reduced pressure to the first and second conduits, the pickup device and the second reservoir to induce flow of fluid from the first reservoir into the second reservoir;

a control device operably associated with said pump device and operable by a user of the urinal for selectively activating and deactivating the drive device; and

means for automatically deactivating the drive device [[of]] after a predetermined period of time has lapsed after activation.

35. (Previously Presented) The urinary collection system as set forth in Claim 34 wherein the control device includes a wireless transmitter and a receiver, said receiving being operably connected to said drive device for remotely activating and deactivating the drive device.

36. (Currently Amended) The urinary collection system as set forth in Claim 34 wherein ~~the control device~~ said means for automatically deactivating the drive device includes a timer operable after a predetermined time to deactivate said drive device.

37. (New) The urinary collection system as set forth in claim 6 wherein said sensor functions to prevent operation of said drive device when the collection container is full.

38. (New) The urinary collection system as set forth in claim 37 wherein said sensor functions to prevent operation of said drive device when the collection container is out of its normal upright position.